

SEQUENCE LISTING

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 <151> 2004-03-11
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 <170> PatentIn version 3.3
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Arg Lys Lys Arg Arg Gln Arg Arg Arg Pro Pro Gln Gly Ser Gln Thr
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His Gln Val Ser Leu Ser Lys Gln Pro Thr Ser Gln Ser Arg Gly Asp
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Leu Trp Val Thr Val Tyr Tyr Gly Val Pro Val Trp Lys Glu Ala Thr
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Thr Thr Leu Phe Cys Ala Ser Asp Ala Lys Ala Tyr Asp Thr Glu Val
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His Asn Val Trp Ala Thr His Ala Cys Val Pro Thr Asp Pro Asn Pro
65          70          75          80

Gln Glu Val Xaa Xaa Xaa Asn Val Thr Glu Asn Phe Asn Met Trp Lys
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Asn Asn Met Val Glu Gln Met His Glu Asp Ile Ile Ser Leu Trp Asp
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Gln Ser Leu Lys Pro Cys Val Lys Leu Thr Pro Leu Cys Val Thr Leu
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Asn Cys Thr Asp Leu Arg Asn Ala Thr Xaa Xaa Asn Xaa Thr Xaa Thr
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Thr Ser Ser Ser Arg Gly Met Val Gly Gly Gly Glu Xaa Lys Asn Cys
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Ser Phe Asn Ile Thr Thr Xaa Ile Arg Gly Lys Val Gln Lys Glu Tyr

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 Phe Arg Pro Gly Gly Gly Asp Met Arg Asp Asn Trp Arg Ser Glu Leu
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 Tyr Lys Tyr Lys Val Val Lys Ile Glu Pro Leu Gly Val Ala Pro Thr
 485 490 495
 Lys Ala Lys Arg Arg Val Val Gln Arg Glu Lys Arg Ala Val Gly Ile
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 Gly Ala Val Phe Leu Gly Phe Leu Gly Ala Ala Gly Ser Thr Met Gly
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 Ala Ala Ser Met Thr Leu Thr Val Gln Ala Arg Leu Leu Leu Ser Gly
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 His Leu Leu Gln Leu Thr Val Trp Gly Ile Lys Gln Leu Gln Ala Arg
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 Val Leu Ala Val Glu Arg Tyr Leu Arg Asp Gln Gln Leu Leu Gly Ile
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 Trp Gly Cys Ser Gly Lys Leu Ile Cys Thr Thr Ala Val Pro Trp Asn
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 Thr Xaa Trp Leu Trp Tyr Ile Lys Ile Phe Ile Met Ile Val Gly Gly
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 690 695 700
 Val Arg Gln Gly Tyr Ser Pro Leu Ser Phe Gln Thr His Leu Pro Ala

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Arg Asp Arg Asp Arg Ser Gly Pro	Leu Val Asn Gly Phe Leu Xaa Leu					
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Ile Trp Val Asp Leu Arg Ser Leu Xaa	Leu Phe Ser Tyr His Arg Leu					
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Arg Asp Leu Leu Leu Ile Val Thr Arg Ile Val	Glu Leu Leu Gly Arg					
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Arg Gly Trp Glu Val Leu Lys Tyr Trp Trp Xaa	Leu Leu Gln Tyr Trp					
	785		790		795	800
Ser Gln Glu Leu Lys Asn Ser Ala Val Ser	Leu Leu Asn Xaa Xaa Ala					
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Xaa Ala Val Ala Glu Gly Thr Asp Arg Val Ile Glu Val	Xaa Gln Arg					
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Ala Val Arg Ala Ile Leu His Ile Pro Arg Arg Ile Arg	Gln Gly Leu					
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Glu Arg Ala Leu Leu						
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